



Preventing the occurrence and spread of aquatic weed infestations in South Carolina waters can save millions of public and private dollars each year in avoided control costs.



South Carolina Noxious Weed List

Alligatorweed	<i>Alternanthera philoxeroides</i>
Brazilian elodea	<i>Egeria densa</i>
Common reed	<i>Phragmites australis</i>
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>
Hydrilla *	<i>Hydrilla verticillata</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Slender naiad	<i>Najas minor</i>
Water chestnut	<i>Trapa natans</i>
Water hyacinth	<i>Eichhornia crassipes</i>
Water lettuce	<i>Pistia stratiotes</i>
Water primrose	<i>Ludwigia hexapetala</i>
African oxygen weed *	<i>Lagarosiphon major</i>
Ambulia *	<i>Limnophila sessiliflora</i>
Arrowhead *	<i>Sagittaria sagittifolia</i>
Arrow-leaved monochoria *	<i>Monochoria hastata</i>
Duck-lettuce *	<i>Ottelia alismoides</i>
Exotic bur reed *	<i>Sparganium erectum</i>
Giant salvinia *	<i>Salvinia molesta</i> <i>S. biloba</i> , <i>S. herzogii</i> , <i>S. auriculata</i>
Mediterranean caulerpa *	<i>Caulerpa taxifolia</i>
Melaleuca *	<i>Melaleuca quinquenervia</i>
Miramar weed *	<i>Hygrophila polysperma</i>
Pickrel weed *	<i>Monochoria vaginalis</i>
Mosquito fern *	<i>Azolla pinnata</i>
Rooted water hyacinth *	<i>Eichhornia azurea</i>
Water spinach *	<i>Ipomoea aquatica</i>
Wetland nightshade *	<i>Solanum tampicense</i>

* Also on the Federal Noxious Weed List

ANACHARIS - WARNING!



What Is It?
How Do I Identify It?

IF YOU HAVE ANY QUESTIONS OR JUST NEED MORE INFORMATION CONTACT US AT:

<http://www.dnr.state.sc.us/water/envaff/aquatic/index.html>

E-mail: pagec@dnr.sc.gov



Aquatic Nuisance Species Program
2730 Fish Hatchery Road
West Columbia, SC 29172
Phone (803)755-2836



STOP AQUATIC HITCHHIKERS!

Prevent the transport of nuisance species.
Clean all recreational equipment.
www.ProtectYourWaters.net



Aquatic Nuisance Species Program
South Carolina Department of Natural Resources
2730 Fish Hatchery Road
West Columbia, SC 29172
Phone (803)755-2836

The term "**Anacharis**", as used by commercial aquatic plant suppliers, includes a variety of oxygen plants that resemble the elodeas. Plants sold under this name include the true Elodeas and two species that are illegal to sell in South Carolina, Brazilian elodea (*Egeria densa*) and Hydrilla (*Hydrilla verticillata*). Hydrilla and Egeria grow abundantly in our waterways and cause major ecological and water use problems. Millions of dollars have been spent to control the growth of these plants in South Carolinas lakes and rivers. These two species are included on the State Noxious Weed List and the State Plant Pest List as illegal to import, sell and distribute in South Carolina.

Plant names used in commercial catalogues under Anacharis:

Anacharis densa

Anacharis canadensis

Egeria densa

Egeria gigantea

dantly in our waterways and cause major ecological and water use problems. Millions of dollars have been spent to control the growth of these plants in South Carolinas lakes and rivers. These two species are included on the State Noxious Weed List and the State Plant Pest List as illegal to import, sell and distribute in South Carolina.

You can help reduce the potential for these aquatic weed problems by carefully purchasing and selling only true Elodeas. Please ask your supplier for the current scientific name of the plants sold as Anacharis, and refuse to purchase *Egeria densa* and *Hydrilla verticillata*.

These plants look very similar, so use the information below to help you identify them.

Comparison of Elodea, Egeria and Hydrilla

Elodea canadensis

- ◆ Smooth to the touch
- ◆ Serrulate leaf margins barely evident without magnification
- ◆ Lower midrib of the leaves smooth
- ◆ Staminate flowers 1/3 inch wide, pistillate flowers 1/6 - 1/4 inch wide
- ◆ Number of leaves per whorl about the same at branching and non-branching nodes
- ◆ Leaves in whorls of 3



Egeria densa

- ◆ Smooth to the touch
- ◆ Serrulate leaf margins barely evident without magnification
- ◆ Lower midrib of the leaves smooth
- ◆ Large, showy staminate flowers, 1/2 - 3/4 inch wide
- ◆ Number of leaves at branching nodes usually double the number at non branching nodes
- ◆ Leaves in whorls of 3-4



Hydrilla verticillata

- ◆ Rough to the touch
- ◆ Sharply toothed leaf margins, usually evident without magnification
- ◆ Usually 1-12 small, sharp teeth or spines on the lower midrib of the leaf
- ◆ Small, inconspicuous white pistillate flowers, less than 1/4 inch wide
- ◆ Number of leaves per whorl usually about the same at branching and non branching nodes; however, they may be double
- ◆ Leaves in whorls of 3-8



How you can help!

Aquatic weed problems are caused primarily by boaters and fishermen unknowingly spreading aquatic weeds from one lake to another and homeowners disposing of water garden and aquarium plants in public waters and private ponds. You can help control the spread of nuisance aquatic plants by doing the following:

When you leave a body of water:

- ◆ Remove any visible mud, plants, fish or animals before transporting equipment.
- ◆ Eliminate water from equipment before transporting.
- ◆ Clean and dry anything that comes into contact with water (boats, trailers, equipment, clothing, dogs, etc.).
- ◆ Never release plants, fish or animals into a body of water unless they came out of that body of water.
- ◆ Report aquatic weed problems in public waters to the Aquatic Nuisance Species Program, SCDNR (1-803-755-2836).

